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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1754
Examiner : Peter J. Lish
Serial No. : 10/045,316
Filed : November 7, 2001
Inventors : Hiroki Nakamaru
: Haruhiko Miyazawa
: Yoshiei Kato
Title : REMEDIATION METHOD OF MEDIA AND
: IRON POWDER FOR DEHALOGENATION
: OF HYDROGENATED HYDROCARBONS

Confirmation No.: 035811

Docket No.: 1321-01

Confirmation No.: 7966

Dated: September 3, 2004

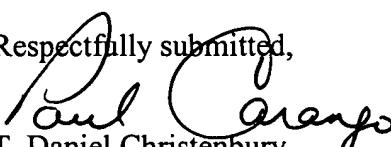
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The Applicants submit herewith Form PTO-1449 together with copies of the publications listed therein. The documents are submitted to comply with 37 C.F.R. §1.56 and are believed related to this application. A copy of the European Search Report dated March 7, 2002 is also enclosed.

The Applicants respectfully request that this Information Disclosure Statement be officially entered into the file and that appropriate notification be made that it was considered by the Examiner.

Respectfully submitted,

T. Daniel Christenbury
Reg. No 31,750
Paul Carango
Reg. No. 42,386

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(215) 656-3381



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Sir:

Certificate of Mailing Under 37 CFR 1.8

For

Postcard

Supplemental Information Disclosure Statement
Form PTO-1449 w/copies of 10 publications
Copy of European Search Report dated March 7, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

Name of Applicant, Assignee, Applicant's Attorney
or Registered Representative:

Piper Rudnick LLP
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By: _____

Date: _____

09/03/04

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE



LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
1321-01SERIAL NO.
10/045,316APPLICANTS
Hiroki Nakamaru et al.FILING DATE
November 7, 2001GROUP
1754

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,039,882	03/21/00	N. L. Wolf et al.			
	AB	5,575,927	11/19/96	T. Sivavec et al.			
	AC	6,068,777	05/30/00	T. Kimura et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	97 14656 A	04/24/97	PCT				
	AM	00 29137A	05/15/00	PCT				
	AN	97 04868 A	02/13/97	PCT				
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Hassan S.M., "Reduction of halogenated hydrocarbons in aqueous media: 1 Involvement of sulfur in iron catalysis" "Chemosphere vol. 40 (2000-06) pp 1357-1363
	AS	E. Lipczynska-Kochany et al., "Degradation of carbon tetrachloride in the presence of iron and sulfur containing compounds" <u>Chemosphere</u> (1994), vol. 29 (7), pp 1477-1489
	AT	E. C. Butler et al., "Factors Influencing Rates and Products in the Transformation of Trichloroethylene by Iron Sulfide and Iron Metal, <u>Environmental Science and Technology</u> " vol. 35, no. 19, 2001, pages 3884-3891

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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PATENT AND TRADEMARK OFFICE



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							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Nakamaru Hiroki et al., "Effect of the microstructure of an iron powder on the reactivity with trichloroethylene" 224 th ACS National Meeting 0-8412-3840-5 American Chemical Society, Boston MA, August 18-22, 2002
	AS	
	AT	

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